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VPL-SW125

Short throw WXGA projector for education and corporate open-plan environments

The VPL-SW125 WXGA projector is an ideal choice for close projection applications in the corporate and educational markets. This projector offers:

LOW TOTAL COST OF OWNERSHIP

The model has a low brightness mode which reduces power consumption and extends the lamp lifetime to approximately 6000 hours, which means lower operating costs across the board.

EASE OF OPERATION

This projector is easy to install in small or difficult spaces, and has easy to operate controls.

BRIGHT, CLEAR PRESENTATIONS

Excellent contrast, consistent colour stability, high picture quality and longer durability will improve visibility and enhance teaching quality.

PRIMESUPPORT

All Sony business projectors come supplied with a 3-year support pack which offers unique extra services and benefits

- 3 years' cover
- Free telephone helpdesk support in English, German, French, Italian and Spanish.
- Collection and delivery anywhere in EU, Norway and Switzerland

Features

Maximum 2600 lumens brightness with High, Standard and Low modes

The VPL-SW125 features three brightness modes for your different uses – High for naturally white presentations in bright rooms, Standard for everyday use, and Low for video in darkened rooms.

0.62 throw ratio

The VPL-SW125 offers a 0.62:1 throw ratio that produces a 2.03M (80") Diagonal screen size image from only 1.1M (3.6 feet) away from the screen.

3LCD BrightEra Technology

Sony's 0.59 inch BrightEra inorganic TFT 3-LCD panels deliver improved panel light resistance, higher resolution, high brightness and increased panel reliability.

WXGA Widescreen Resolution

The VPL-SW125 has a colour light output of 2600 ANSI lumens and with a native WXGA (1280 x 800) widescreen resolution panel is perfect for video or presentations direct from a laptop or PC.

6000 hours Lamp Life

New driving scheme reduces gap expansion that reduces brightness gradation and a new cooling system allows uniformity in the temperature of the glass bulb which prevents the glass from clouding.

Eco Mode Key

Users can easily select power-saving Eco Modes. The most energy-efficient mode is accessible though a single button-push, and further adjustments are available through an easily understood menu system.

Front Exhaust

With a front exhaust system, users sitting behind the projector are not affected by expelled hot air and fan noise.

HD Ready

HMDI input means the VPL-SW125 is HD ready.

Easy to operate control panel layout

The VPL-SW125's control panel is on top of the device for easy operation, with large, easy-to-locate controls.

Automatic Keystone Adjustment

The projector can detect keystone distortion and can correct it automatically. (Note that since this is an electronic correction, it will reduce the picture quality slightly).

Smart APA (Auto Pixel Alignment)

When a computer is used as a picture source, APA automatically optimizes Phase, Pitch and Shift values. These can also be adjusted manually.

Auto Input Search

Auto Input Search detects which input has an incoming signal, and automatically switches to it. This makes it easier for users to set up the projector prior to making a presentation

Picture Muting

If the picture needs to be turned off, all it takes is a single button-press on the remote control. This will mute audio at the same time. There is also a separate "mute audio" button for audio-only muting.

Audio switcher facility

To avoid the need for a separate audio switcher, the projector can be used to select between two audio sources, routing them via a variable audio output to the room amplification system.

Picture Freeze Function

Picture Freeze is useful during presentations if you need to look at other material on your PC's screen without the viewing audience being aware. Freeze the current image, and you can use your PC independently of the display from the projector.

Digital Zoom

With Digital Zoom, if you are displaying a computer-sourced image, you can enlarge a selected area of the screen image up to four times.

Off and Go

At the end of a presentation, you can turn off the power supply to the projector immediately, instead of going through a 'power down' cycle.

Direct Power On/Off

With this function, there is no need to go through 'Standby' mode when powering up the projector. The projector can be set to activate as soon as power is applied.

Filter replaced at the same time as lamp

The filter only needs to be changed when a new lamp is fitted, potentially halving disruption due to maintenance.

Multiple Picture Modes

The VPL-SW125 has six picture modes (Dynamic, Standard, Game, Living, Cinema and Presentation) that can be selected to suite the nature of the source material.

Built-in security measures

The VPL-SW125 has a package of security measures, including password protection, and physical anti-theft anchor points.

Technical Specifications

General	
Display system	3 LCD system

Display device	
Size of effective display area	0.59" (15.0 mm) x 3, BrightEra, Aspect ratio: 16:10
Number of pixels	3,072,000 (1280 x 800 x 3) pixels

Projection lens	
Zoom	-
Focus	Manual
	Ultra High Pressure lamp 210 W type
Recommended lamp replacement time*1	3000 H / 4500 H / 6000 H (Lamp mode: High / Standard / Low)
Filter cleaning cycle	Max. 6000 H*1 / Same time as the lamp replacement is recommended
Screen size	50" to 110" (1.27 m to 2.794 m)

Light output (Lamp mode: High / Standard / Low)	2600 lm / 1800 lm / 1400 lm
Colour light output (Lamp mode: High / Standard / Low)	2600 lm / 1800 lm / 1400 lm
Contrast ratio (full white / full black)*2	3800:1
Speaker	1 W x 1 (monaural)

Displayable scanning frequency	
Horizontal	19 kHz to 92 kHz
Vertical	48 Hz to 92 Hz

Display resolution	
Computer signal input	Maximum input signal resolution: 1400 x 1050 (resizing display) Panel display resolution: 1280 x 800 pixels
Video signal input	NTSC, PAL, SECAM, 480/60i, 576/50i, 480/60p, 576/50p, 720/60p, 720/50p, 1080/60i, 1080/50i
Colour system	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60

Keystone correction	Vertical: Max. +/- 15 degrees*3
OSD language	20-languages (English, Dutch, French, Italian, German, Spanish, Portuguese, Turkish, Polish, Russian, Swedish, Norwegian, Japanese, Simplified Chinese, Traditional Chinese, Korean, Thai, Vietnamese, Arabic, Farsi)

Computer and video signal input/output	
INPUT A	RGB / Y PB PR input connector: Mini D-sub 15-pin (female), Audio input connector: Stereo mini jack
INPUT B	HDMI™

S VIDEO IN	
VIDEO IN	Video input connector: Pin jack, Audio input connector: Pin jack (x2) (shared with S-VIDEO IN)
S-VIDEO IN	S video input connector: Mini DIN-4 pin Audio input connector: Pin jack (x2) (shared with VIDEO IN)
OUTPUT	Monitor output connector*4: Mini D-sub 15-pin (female), Audio output connector*5: Stereo mini jack (variable out)
Control signal input/ output	RS-232C connector: D-sub 9-pin (female)
	LAN connector: RJ45, 10BASE-T/100BASE-TX
Operating temperature (Operating humidity)	0°C to 40°C / 32°F to 104°F (20% to 80%; no condensation)
Storage temperature (Storage humidity)	(-10°C to 60°C / 14°F to 140°F) (20% to 80%; no condensation)
Power requirements	AC 100 V to 240 V, 3.0 A to 1.3 A, 50 Hz /60 Hz

Power consumption	
AC 100 V to 120 V	290 W / 240 W / 205 W
AC 220 V to 240 V	275 W / 225 W / 190 W

Standby mode power consumption	
AC 100 V to 120 V	3 W /
AC 220 V to 240 V	3 W /

Heat dissipation	
AC 100 V to 120 V	990 BTU
AC 220 V to 240 V	940 BTU
Outside dimensions	W 313.4 x H 160.3 x D 349.3 mm / W 12 11/32 x H 6 5/16 x D 13 3/4 in W 313.4 x H 144.9 x D 349.3 mm / W 12 11/32 x H 5 23/32 x D 13 3/4 in (without protrusion)
Mass	3.7kg / 8lb 3oz

Supplied Accessories	
RM-PJ7	Remote Commander (1)
CR2025	Lithium Battery (1)
	Mini D-sub 15-pin cable (1)
	Lens Cap (1)
	Operating Instructions (1)
	Quick Reference Manual (1)
	AC power cord (1)